



PATENT  
Attorney Docket No. 1228/US/2  
Express Mail Label No. EV447463231US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

**Paul J. CORNAY et al.**

Serial No. 10/723,366

Filed: **November 26, 2003**

For: **CONCENTRIC TUBULAR CENTRIFUGE**

Examiner: **Not known**

Group Art Unit: **1723**

Confirmation No.: **8026**

**INFORMATION DISCLOSURE STATEMENT**  
**Under 37 C.F.R. § 1.97(b)(3)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97, the Examiner may wish to consider the references listed on the attached Form PTO-1449. In submitting these references for the Examiner's consideration, no representation is made or implied that the references are or are not material to the examination of the application. The Examiner is encouraged to make his or her own determination of materiality.

Copies of the 71 cited documents were provided in the prior related applications; therefore, copies of the documents are not provided herewith.

This Information Disclosure Statement is being filed pursuant to 37 C.F.R. § 1.97(b)(3) before the mailing of a first Office action. Thus, no petition fee is required. However, should any fees be due, please charge Deposit Account No. 04-1415 accordingly.

Signed at Denver, Colorado, this 26<sup>th</sup> day of March, 2004.

  
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S. Craig Hemenway, Registration No. 44,759  
USPTO Customer No. 20686  
Attorney for Assignee  
DORSEY & WHITNEY LLP  
370 Seventeenth Street, Suite 4700  
Denver, CO 80202-5647  
Tel: (303) 629-3400  
Fax: (303) 629-3450



<b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE</b> (Modified) <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> <b>1228/US/2</b>	<b>APPLN. NO.</b> <b>10/723,366</b>
	<b>APPLICANT:</b> <b>Paul J. CORNAY et al.</b>	
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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1.	680,270	08/13/1901	Ohlsson			
	2.	717,385	12/30/1902	Gathmann			
	3.	778,355	12/27/1904	Freas			
	4.	785,910	03/28/1905	Nilsson			
	5.	949,226	02/15/1910	Goodman			
	6.	949,227	02/15/1910	Goodman			
	7.	1,097,561	05/19/1914	Resines			
	8.	1,124,907	01/12/1915	Jahn			
	9.	1,190,829	07/11/1916	Wendell			
	10	1,239,734	09/11/1917	Sloan et al.			
	11	1,510,657	10/07/1924	Coleman			
	12	1,564,665	12/08/1925	Gates			
	13	1,742,096	12/31/1929	Perrier			
	14	1,783,546	12/02/1930	Petsche et al.			
	15	1,854,313	04/19/1932	Petsche et al.			
	16	2,185,279	01/02/1940	Strenzynski			
	17	2,450,737	10/05/1948	Rundquist			
	18	3,150,944	09/19/1964	Nerad			
	19	3,623,656	11/30/1971	Lavanchy			
	20	3,685,721	08/22/1972	Kohama			
	21	3,837,491	09/24/1974	Huminston et al.			
	22	4,073,431	02/14/1978	Jager			
	23	4,108,763	08/22/1978	Clough			
	24	4,369,115	01/18/1983	Bauer			
	25	4,500,324	02/19/1985	Vuong			
	26	4,617,010	10/14/1986	Epper et al.			
	27	4,618,478	10/21/1986	McKinney			
	28	4,648,863	03/10/1987	Nees			
	29	4,673,510	06/16/1987	Janusch et al.			
	30	4,911,738	03/27/1990	Schneider			

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	31	5,156,751	10/20/1992	Miller			
	32	5,240,619	08/31/1993	Copa et al.			
	33	5,372,725	12/13/1994	Halff et al.			
	34	5,380,442	01/10/1995	Yan			
	35	5,425,883	06/20/1995	Reid et al.			
	36	5,462,676	10/31/1995	Pitts			
	37	5,500,120	03/19/1996	Baker			
	38	5,538,636	07/23/1996	Gnann et al.			
	39	5,688,377	11/18/1997	McCutchen			
	40	5,688,399	11/18/1997	Halff et al.			
	41	5,792,351	08/11/1998	Wehrle et al.			
	42	5,888,389	03/30/1999	Griffith et al.			
	43	5,928,522	07/27/1999	Conaway			
	44	5,997,812	12/07/1999	Burnham et al.			
	45	6,051,145	04/18/2000	Griffith et al.			
	46	6,080,309	06/27/2000	Reid et al.			
	47	6,093,328	07/25/2000	Santina			
	48	6,251,290	06/26/2001	Conaway			
	49	6,309,338	10/30/2001	Christensen			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	50.	18,147	09/12/1907	Great Britain				
	51.	269,193	04/07/1927	Great Britain				
	52.	189162	04/1964	Sweden				

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

53.	CARR Separations, Inc.; CARR Powerfuge® Separation System, P6 Brochure; at least 1/14/1997
54.	CARR Separations, Inc.; CARR Powerfuge® Separation System, P12 Brochure; at least 1/14/1997
55.	CARR Separations, Inc.; CARR Powerfuge® Separation System, P18 Brochure; at least 1/14/1997
56.	CARR Separations, Inc.; CARR Powerfuge® Separation System, P24 Brochure; at least 1/14/1997
57.	CARR Separations, Inc.; CARR Powerfuge® Separation System, Pilot for Hazardous Areas Bochure; at least 1/14/1997
58.	CARR Separations, Inc.; CARR Powerfuge® Separation System Pilot Dimensions; at least 1/14/1997
59.	CARR Separations, Inc.; CARR Powerfuge™ Brochure "Breakthrough Centrifuge Technology"; at least 1/14/1997
60.	CARR Separations, Inc.; Chemical Processing Brochure; January 1998
61.	CARR Separations, Inc.; Sub-micron Classification and Recovery Brochure; at least 1/14/1997
62.	Sharples™ Maximizer™ XM; available as early as June 1997
63.	Alfa-Laval Centrifuges for the Chemical Process Industries
64.	Alfa-Laval Waste Oil Recovery
65.	Oiltools Solids Control Equipment
66.	Alfa-Laval ALFAX Self-Cleaning Centrifuge Separators
67.	TRW Brandt Decanting Centrifuges
68.	Alfa-Lava "When to use a disk-stack centrifuge"
69.	Michem's New RMS™ Model 3SMD Centrifuge
70.	Alfa-Laval "Slop Oil Treatment Plant for Crude Oil Recovery"
71.	Geosource Geolograph Pioneer Manual of Centrifuge Operation

EXAMINER

DATE CONSIDERED

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**